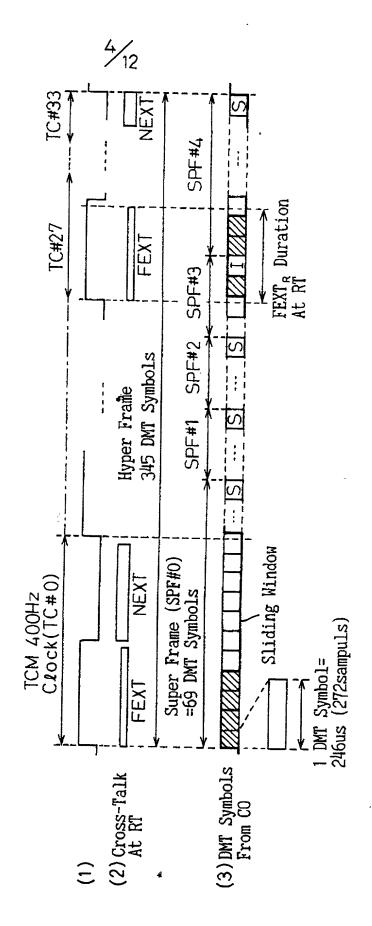


Fig.3



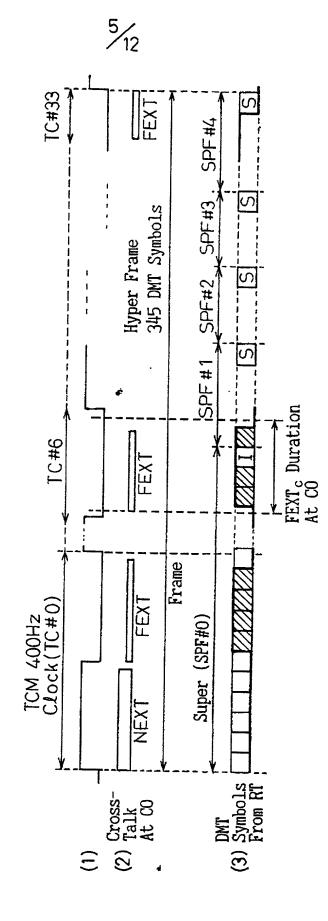


Fig.4

DAC and Analog Processing Output Parallel/ Serial Buffer 255 240 254 K=1 C k=0 fo127 L Constellation Encoder input Data Frame constellation encoder & gain scaling Tone Ordering Fig.5 rate converter Inter leaver scram & FEC Mux Data Frame Reference points Mux/Sync control NTR Funct. Ce11 TC

Fig.6A PRIOR ART

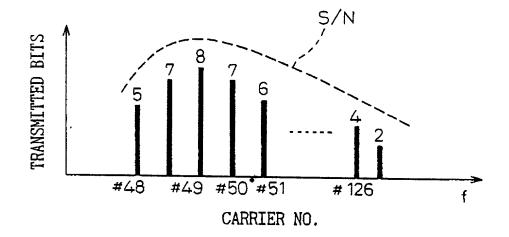


Fig.6B

CARRIER NO.i	NUMBER OF TRANSMITTED BITS bi	
0	0	
;		
48 49	5	
49	7	
:	!	

Fig.7

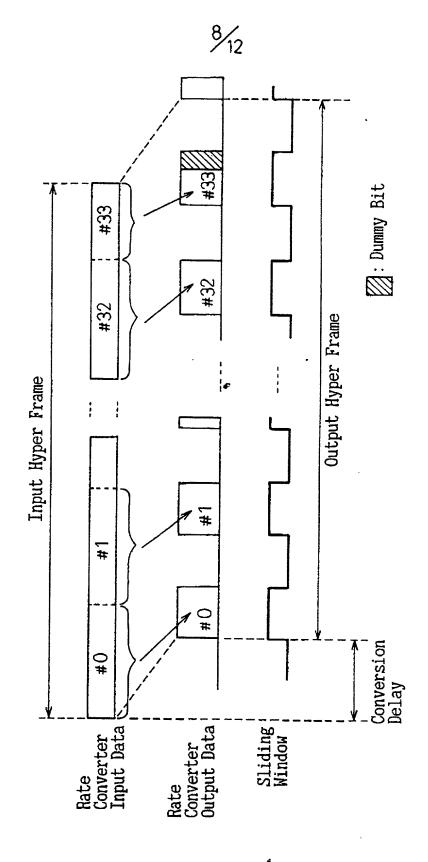




Fig.8A

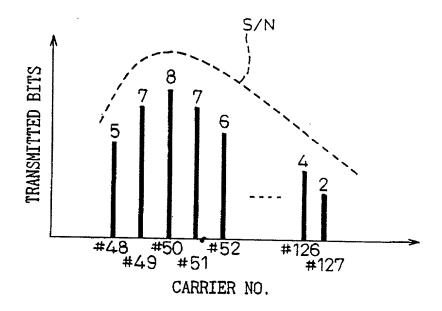
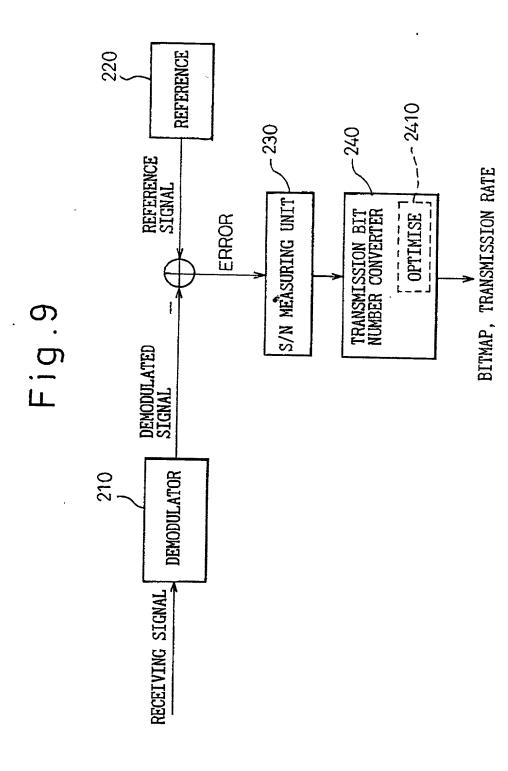


Fig.8B

BITMAP

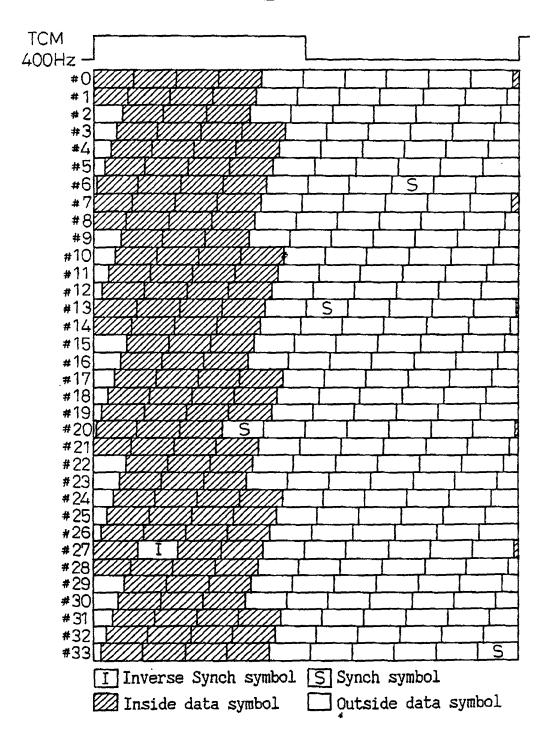
CARRIER NO.	NUMBER OF TRANSMISSIBLE BITS	S/N MARGIN (dB)	NUMBER OF TRANSMISSION BITS bi
:	:	:	:
48	5	7.8	5
49	7	6.5 *	6
50	8	7.4 *	7
51	7	6.1 *	6
52	6	9.4	6
)))	:	:	
126	4	6.5 *	3
127	2	8.0	2

*: CARRIER WITH SMALL S/N MARGIN



11/12

Fig.10



 $\frac{12}{12}$ Fig.11

